

ABSTRACT

This invention relates to an adenovirus vector having excellent gene transfection activity on specific cell lines, particularly on hematopoietic cells. This adenovirus vector derives from the adenovirus type 35 genome by at least partial or total deletion of the E1 region therefrom. The adenovirus vector according to this invention has excellent gene transfection activity on specific cell lines, particularly on hematopoietic cells, ES cells, pluripotent stem cells, blood stem cells, and tissue stem cells.